Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	7440	(AFM STEM SEM nanotip$3 probe atomic adj force scanning near microscope) and ((si silicon) near (n p dop$4) n-type p-type) and etch$3	US-PGPUB; USPAT	OR	ON	2005/09/28 11:22
S3	1023	S2 and (((si silicon) near (n dop$4) n-type) with etch$3) and (((si silicon) near (p dop$4) p-type) with etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:25
S4	960	S2 and (((si silicon) near (n dop$4) n-type) with etch$3) same (((si silicon) near (p dop$4) p-type) with etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:25
S5	943	S2 and (((si silicon) near (n dop$4) n-type) with etch$3) with (((si silicon) near (p dop$4) p-type) with etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:25
S6	358	S2 and (((si silicon) near n n-type) with etch$3) with (((si silicon) near p p-type) with etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:26
S7	4	S2 and (((si silicon) near n n-type) near etch$3) with (((si silicon) near p p-type) near etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:27
S8	17	S2 and (((si silicon) near n n-type) near2 etch$3) with (((si silicon) near p p-type) near2 etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:27
S9	40	S2 and (((si silicon) near n n-type) near4 etch$3) with (((si silicon) near p p-type) near4 etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 11:27

S10	46	("3977925" | "4312117" | "4668865" | "4806755" | "4943719").PN. OR ("5021364").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 11:38
S11	13	S8 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/28 11:43
S12	23	S9 not (S7 S8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/28 11:43
S13	5	(cant?lever AFM STEM SEM nanotip$3 probe atomic scanning microscope) near2 tip with ((si silicon) near (n p dop$4) n-type p-type) with etch$3	US-PGPUB; USPAT	OR	ON	2005/09/28 11:50
S14	70	("3977925" | "4307507" | "4312117" | "4668865" | "4685996" | "4806755" | "4912822" | "4916002" | "4943719" | "4968382" | "4968585").PN. OR ("4943719" | "5066358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 11:52
S16	92	S10 S14	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 11:52
S15	24	S10 and S14	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 11:59

S17	68	S16 not S15	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 11:59
S18	28	(US-5021364-$ or US-5066358-$ or US-4943719-$ or US-6011261-$ or US-5811017-$ or US-5717132-$ or US-5469733-$ or US-5386720-$ or US-5386110-$ or US-5367165-$ or US-5264696-$ or US-6886395-$ or US-6862921-$ or US-6694805-$ or US-6400166-$ or US-6358426-$ or US-6059982-$ or US-5994160-$ or US-5929643-$ or US-5595942-$ or US-5580827-$ or US-5537863-$ or US-5272913-$ or US-5116462-$ or US-4968585-$ or US-4916002-$).did. or (US-4685996-$ or US-4307507-$).did.	USPAT	OR	OFF	2005/09/28 12:26

S19	18	(US-6694805-$ or US-6059982-$ or US-6011261-$ or US-5994160-$ or US-5929643-$ or US-5717132-$ or US-5580827-$ or US-5537863-$ or US-5469733-$ or US-5367165-$ or US-5272913-$ or US-5116462-$ or US-5021364-$ or US-4968585-$ or US-4943719-$ or US-4916002-$ or US-4685996-$ or US-4307507-$).did.	USPAT	OR	OFF	2005/09/28 12:32
S21	0	S20 and ((square rectang$4 pyramid$4) near (mask$3 photoresist opening pit hole expos$4)) and (deposit$4 near (first second) near (dop$3 si silicon)) and (etch$3 near (Si silicon))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:41
S22	0	S20 and ((square rectang$4 pyramid$4) near2 (mask$3 photoresist opening pit hole expos$4)) and (deposit$4 near2 (first second) near2 (dop$3 si silicon)) and (etch$3 near2 (Si silicon))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:41
S23	8	S20 and ((square rectang$4 pyramid$4) with (mask$3 photoresist opening pit hole expos$4)) and (deposit$4 with (first second) near2 (dop$3 si silicon)) and (etch$3 with (Si silicon))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:43

S24	32	S20 and ((square rectang$4 pyramid$4) with (mask$3 photoresist opening pit hole expos$4)) and (deposit$4 with (first second) with (dop$3 si silicon)) and (etch$3 with (Si silicon))	US-PGPUB; USPAT	OR	ON	2005/09/28 12:44
S26	4	S25 and S24	US-PGPUB; USPAT	OR	ON	2005/09/28 12:44
S27	3	S23 and S25	US-PGPUB; USPAT	OR	ON	2005/09/28 12:44
S28	4	S26 S27	US-PGPUB; USPAT	OR	ON	2005/09/28 12:57
S1	5998	(AFM STEM SEM nanotip$3 probe atomic adj force scanning near microscope) and (si near (n p dop$4) n-type p-type) and etch$3	US-PGPUB; USPAT	OR	ON	2005/09/28 12:58
S30	4	S29 and (n p dop$4 n-type p-type)	US-PGPUB; USPAT	OR	ON	2005/09/28 13:11
S32	1	S31 not S30	US-PGPUB; USPAT	OR	ON	2005/09/28 13:11
S29	5	S23 not S28	US-PGPUB; USPAT	OR	ON	2005/09/28 13:13
S33	0	S29 not S23	US-PGPUB; USPAT	OR	ON	2005/09/28 13:13

| S20 | 497 | ("3623219" \| "3665241" \| "3693417" \| "3731191" \| "3746587" \| "3755704" \| "3888708" \| "3894332" \| "3921022" \| "3970887" \| "3977925" \| "3998678" \| "4008412" \| "4095133" \| "4171234" \| "4193836" \| "4205418" \| "4282311" \| "4284712" \| "4297312" \| "4307507" \| "4312117" \| "4371803" \| "4396459" \| "4428111" \| "4574625" \| "4585991" \| "4614119" \| "4618397" \| "4668865" \| "4685996" \| "4724318" \| "4735396" \| "4786545" \| "4801866" \| "4806755" \| "4861990" \| "4894538" \| "4908112" \| "4916002" \| "4943719" \| "4956923" \| "4964946" \| "4968585" \| "4998016" \| "5021364" \| "5047637" \| "5051379" \| "5066358" \| "5079600" \| "5085070" \| "5100355" \| "5107114" \| "5116331" \| "5116462" \| "5132533" \| "5136162" \| "5166520" \| "5185572" \| "5193385" \| "5201992" \| "5202263" \| "5204210" \| "5221415" \| "5231286" \| "5239863" \| "5245187" \| "5245863" \| "5264696" \| "5268571" \| "5272913" \| "5276672" \| "5289631" \| "5304924" \| "5317533" \| "5319961" \| "5321685" \| "5334835" \| "5406209" \| "5537863" \| "5594166" \| "5619093" \| "5742172" \| "5772325" \| "5811017" \| "5883387" \| "Re33387").PN. OR ("4307507" \| "4685996" \| "4916002" \| "4943719" \| "4968585" \| "5021364" \| "5116462" \| "5272913" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/09/28 13:14 |

S34	24	S24 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/28 13:15
S36	0	S35 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:16
S37	2	S34 not S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:16
S35	22	S34 and (p n p-type n-type dop$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 13:36
S31	5	S29 and (n p dop$4 n-type p-type etch$3)	US-PGPUB; USPAT	OR	ON	2005/09/28 14:03
S40	59	S39 and (n p dop$4 n-type p-type)	US-PGPUB; USPAT	OR	ON	2005/09/28 14:03
S41	207	(n-type p-type dop$3) near (Si silicon) with ($6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/09/28 14:55
S25	38	S20 and electrochemical$2 with etch$3	US-PGPUB; USPAT	OR	ON	2005/09/28 14:57

S42	23	S41 and electrochemical$2 with etch$3	US-PGPUB; USPAT	OR	ON	2005/09/28 14:57
S38	22	S34 and (p n p-type n-type dop$4)	US-PGPUB; USPAT	OR	ON	2005/09/28 15:07
S43	23	S42 and (p n p-type n-type dop$4)	US-PGPUB; USPAT	OR	ON	2005/09/28 15:07
S39	83	("3977925" | "4008412" | "4307507" | "4312117" | "4668865" | "4724318" | "4806755" | "5057047" | "5214282" | "5272330" | "5354985" | "5357787" | "5410151" | "5489774" | "5580827" | "5811926"). PN. OR ("4943719" | "5883387" | "5962958"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/28 15:21
S45	17	(n-type p-type dop$3) near (Si silicon) near ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 15:36
S46	1	deposit$4 near (n-type p-type dop$3) near (Si silicon) near ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 15:38
S48	1	deposit$4 near4 (n-type p-type dop$3) near4 (Si silicon) near4 ($2AFM $6probe $6tip stylus)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 15:43
S49	56	deposit$4 same (n-type p-type dop$3) same (Si silicon) same ($2AFM $6probe $6tip stylus)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 15:43
S47	11	deposit$4 near4 (n-type p-type dop$3) near4 (Si silicon) near4 ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 16:00

S50	42	deposit$4 with (n-type p-type dop$3) with (Si silicon) with ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 16:01
S51	31	S50 not S47	US-PGPUB; USPAT	OR	ON	2005/10/03 16:01
S53	123	dop$3 near (Si silicon) with ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 16:32
S44	218	(n-type p-type dop$3) near (Si silicon) with ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 16:33
S55	74	S54 and electrochemical$2 near4 etch$3	US-PGPUB; USPAT	OR	ON	2005/10/03 16:34
S56	48	S55 not S52	US-PGPUB; USPAT	OR	ON	2005/10/03 16:34
S52	26	S44 and electrochemical$2 near4 etch$3	US-PGPUB; USPAT	OR	ON	2005/10/03 16:39
S54	1336	(n-type p-type dop$3) with (Si silicon) same ($2AFM $6probe $6tip stylus)	US-PGPUB; USPAT	OR	ON	2005/10/03 16:39
S57	194	(n-type p-type dop$3) with (Si silicon) same ($2AFM $6probe $6tip stylus)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 16:39
S58	0	S57 and electrochemical$2 near4 etch$3	US-PGPUB; USPAT	OR	ON	2005/10/03 16:39
S59	5	S57 and electrochemical$2 near4 etch$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 16:39